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Technical Specifications

NOKIA
E50

NOKIA
Connecting People

Nokia E50
Business Device
The Nokia E50's advanced voice features, push email support, and office tools make it a virtually indispensable tool for mobile business.

Technical Specifications

NOKIA E50

General

- GSM 850/900/1800/1900 networks in Europe, Africa, Asia-Pacific, North America, and South America where these networks are supported
- Automatic switching between bands

Size

- Weight: 104g (with Nokia Battery BL-5C)
- Dimensions: 113 mm x 43.5 mm x 15.5 mm, 70 cc
- Form: monoblock

Display and User Interface

- Active matrix display
- Supports up to 262,144 colors within 240 x 320 pixels
- Adjustable display brightness control

Memory Functions

- Up to 70 MB internal dynamic memory for contacts, text messages, multimedia messages, ringing tones, images, video clips, calendar notes, to-do list, and applications
- Support for microSD card
- Hot swap slot for easy memory card insertion and removal (card can be inserted and removed when phone is on)

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Memory Functions

(continuation from page 2)

Navigation

- Two soft keys with five-way scroll; power key can be used as profile key
- Configurable right and left soft keys give shortcut access to features like calendar, camera, or Bluetooth wireless connection
- Input method: phone keypad
- Menu items displayed as list or grid
- Active standby feature gives quick access to up to 6 phone applications from the standby screen
- Symbian operating system OS 9.1
- S60 platform, 3rd edition

Messaging

Multimedia messaging (MMS)

- Multimedia Messaging Service (MMS, ver. 1.2) for text, voice clips, video clips and still images receiving, editing and sending

Email and messaging

- Email client for connecting to personal and business email
- Supports POP3, IMAP4 and SMTP protocols
- Settings via OMA Client Provisioning 1.1, OMA Device Management 1.1.2.
- Support for Nokia's Intellisync Wireless Email, BlackBerry Connect, Visto Mobile, Activesync Mail for Exchange, and Altexia
- Email data roaming (where available) provides automatic switching between various networks without requiring the user to reconfigure settings
- View Microsoft Word, PowerPoint, and Excel attachments (Microsoft Office, 2000, XP and 2003). Compatible with Zip Manager and Adobe Reader
- Instant Messaging and Presence Services IMPS 1.2: exchange text messages and multimedia clips practically in real time. Presence allows you to see the status of other users

Text messaging (SMS)

- SMS distribution list: easily send messages to pre-defined groups
- Concatenated SMS: Send and receive multiple messages as a single message

Enhanced voice features

- Hands-free name dialing and select application launching by voice commands. User-configurable commands
- Enhanced voice commands (SIND): hands- and eyes-free dialing and application launching with user-configurable voice commands
- Voice recording to record short memos (uses AMR speech codec, the default file type for GSM and WCDMA mobile phones)

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Integrated Camera* and Video

- 1.3 megapixel camera
- Resolution up to 1280 x 960 pixels
- 4x digital zoom
- Video capture up to one hour
- Video resolution: 176 x 144, 128 x 96, 15 frames per second

Connectivity and Data Transfer

Connectivity

- Pop-Port™ interface
- USB connection via Pop-Port™
- Integrated infrared module (IrCOMM, IrOBEX, IrTinyTP)
- Bluetooth wireless technology 2.0
- Possibility to use Bluetooth wireless technology, USB and infrared at the same time
- Install applications with Nokia PC Suite for the Nokia E50
- Browsing with XHTML and HTML browser
- Video and audio streaming (3GPP and RealMedia)

Data transfer

- EDGE (EGPRS Class B, MSC 10)
- GPRS (General Packet Radio Service Class B, MSC 10)
- Circuit-Switched Data
- Ability to use the Nokia E50 as a modem

Advanced Device Management

- Support for Application Management enables the delivery and management of native Symbian and Java™ add-on applications over OMA DM
- Customization enables the delivery and management of terminal user interface elements over OMA DM
- Terminal Management Security includes security model, which enables protecting device data via device wipe and device lock management, protecting service usage by ensuring that right settings are in place

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Services

- Nokia Access receive world-class support for your Nokia E50 and specified client software. Nokia Access for Business Devices provides support at a predictable annual cost, focusing on issues specific to enterprise businesses

Call Management

- Voice dialing
- Speed dialing
- Automatic redial
- Call waiting, call hold, call divert, call timer
- Automatic and manual network selection
- Caller identification with image
- Conference call capability (up to 6 participants)
- Vibrating alert
- Integrated handsfree speakerphone

Games

- Pro Tour Golf
- Support for Java™ and Symbian games
- Ability to download new Java™ games using Java™ technology (MIDP 2.0)
- Multi-player games over infrared and Bluetooth wireless technology between compatible devices

Software

- PC Suite

Other Useful Features

- Music Player (MP3/AAC)
- Calendar
- Customizable profiles
- Alarm clock
- RealPlayer: play streaming sound and video clips or downloaded content
- Notepad for writing short memos
- Calculator

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Power Management

Battery:	Capacity:	Talk time (estimated):	Standby time (estimated):
BL-5C	970 mAh	Up to 6.8 hours	Up to 9 days

Battery:	Capacity:	Talk time (estimated):	Standby time (estimated):
BL-6C**	1150 mAh	Up to 8 hours	Up to 10 days

*Camera functionality varies depending on the market and/or your network operator/service provider. Please check country availability from your local Nokia dealer

** Requires own BL-6C specific battery cover

Note: The availability of particular products, services and features may vary by region. Please check with the Nokia dealer nearest you.

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